APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

The Sulphonation of Dienes as a Substitution Reaction, by A. P. Terent'ev and A. V. Dombrovskii, UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, 1949, Vol 67, No 5, pp 859-862.

Sci Mus Lib No 52/2942

Scientific - Chemistry

25 October 1952

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

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S-176/60

(NY-4836)

The Mechanism of the Transmission of the Reaction in Gaseous Detonation in Tubes, by M. A. Rivin, 10 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVII, No 5, 1949, pp 875-878.

JPRS 5246

Sci - Chem
Oct 60

128,453

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

ROZENFEL'D, I. L.
AKIMOV, G. V.

Doklady Akademii Nauk SSSR, vol. 67, 1949, No. 5, pp. 879-882; 2 figures, 1200 words.

Mechanism of Protection of Iron from Corrosion in Water by Means of Chromates.

Brutcher Trans, Order No. 2437, $ 2.30.

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

The Reserves of Needles in Pine Trees in Timberstands of Different Ages, by A. A. Molchanov, 6 pp.

RUSSIAN, thrice-mo per. Dok Ak Nauk SSSR, Vol LXVII, No 5, 1949, pp 909-912.

Sci Tr Center RT-7647

Scientific - Biology

1c,667

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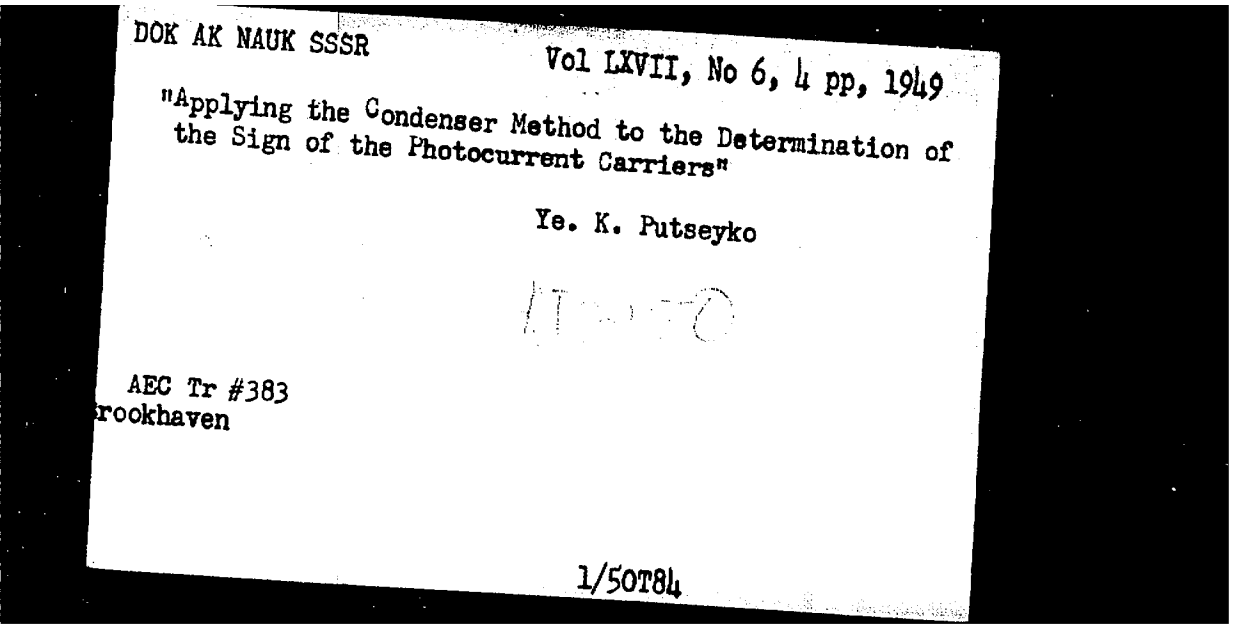

DOK AK NAUK SSSR Vol LXVII, No 6, 4 pp, 1949

"Applying the Condenser Method to the Determination of the Sign of the Photocurrent Carriers"

Ye. K. Putseyko

AEC Tr #383
rookhaven

1/50T84

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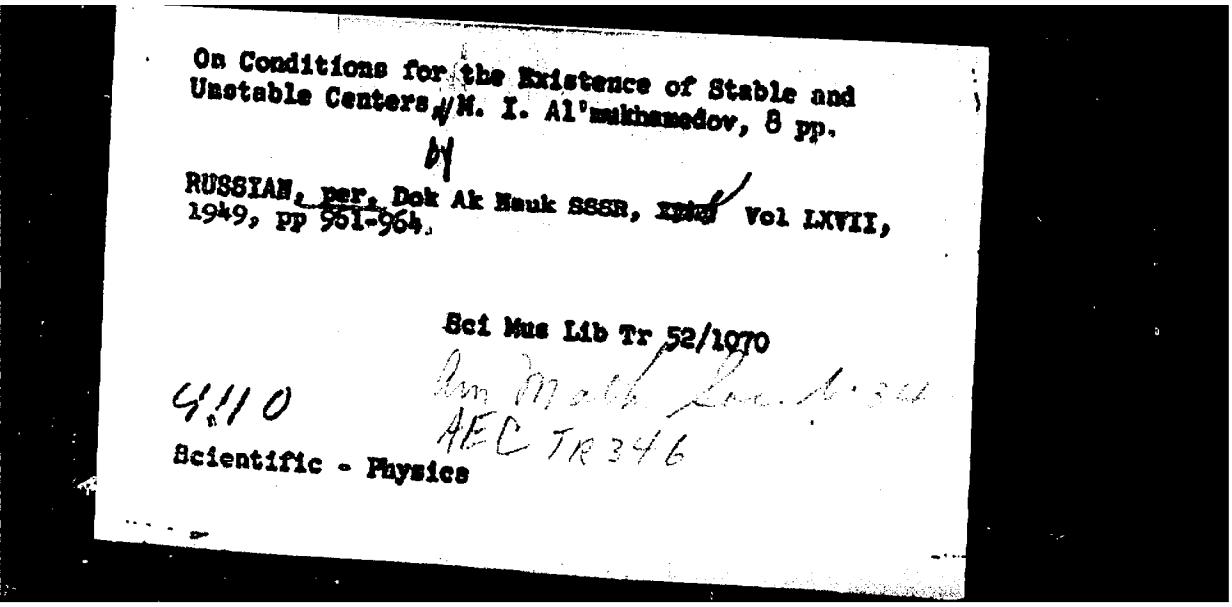

On Conditions for the Existence of Stable and Unstable Centers // M. I. Al'mukhamedov, 8 pp.

by

RUSSIAN, per. Dok Ak Nauk SSSR, ~~xxxx~~ Vol LXVII, 1949, pp 961-964.

Sci Mus Lib Tr 52/1070

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AEC TR 346

Scientific - Physics

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(FDD 27152)

Diffraction of a Spherical Electromagnetic Wave From a Paraboloid of Revolution of Finite Dimensions When the Exciting Field of the Dipole Is Perpendicular to the Axis of Symmetry of the Paraboloid, by R. G. Mirimanov, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVII, No 6, Moscow, 1949, pp 1021-1023.

S.L.A. R-219

CIA/FDD/U-7939

32,580

USSR

Sci - Electronics; Physics

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

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The Mechanism of Synthesis of Hydrocarbons From Carbon Monoxide and Hydrogen, by A. N. Bashkirov, ET AL.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVII, No 6, 1949, pp 1029-1031.

S Assoc Services
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Scientific - Chemistry

15,000

$4.25 ($3.75)

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Theory of the Heat Resistance of Solid Solutions of Metals, by I. I. Kornilov, 9 pp,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVII, No 6, 1949, pp 1037-1040.

23,553 Sci Mu Lib Tr No 55/0379

Scientific - Chemistry
May 55 CTS

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Polymorphism and Catalytic Properties of Titanium Dioxide, by A. M. Rubinshtein and S. Ch. Kulikov
UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, 1949, Vol 67, No 6, pp 1053-1056.

Dept Inst TN7 E57 No 411
XXXX Sci Mus Lib No 52/2729

Scientific - Chemistry

25 October 1952

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

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Silicon Losses in the Production of Ferrosilicon, by P. V. Gel'd, O. A. Esin, N. N. Buinov, R. M. Lerinman.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVII, No 6, 1949, pp 1073-1076.

Brutcher Tr No 2703

Scientific - Min/Metals

$2.90

16,738

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Rodina, A.G. 1949

Role of bacteria in the feeding of the tendipedid
(Rol' bakteriy v pitanii lichinok tendipedid)
Doklady Akademii nauk SSSR, 67(6): 1121-1123. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of State of Canada, for FRBC Freshwater Institute, Winnipeg, Manitoba, 1971, as Transl. Series No. 1848, 6p., typescript.

Avail. on loan - NMFS, Wash., D.C.

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DOK AK NAUK SSSR Vol LXVIII, No 1, 2 pp, 1949

"Negative Ions of Rubidium and Cesium"

V. M. Dukel'skiy
E. Ya. Zandbert
N. I. Ionov

AEC Trans. #340
(January listing)

2/50T103

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

DOK AK NAUK SSSR Vol LXVIII, No 1, 4 pp, 1949

"The Theory of Coercive Force of Soft Steels"

Ye. Kondorskiy

AEC/BNL/tr-121

RT4237

2/50T104

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(FDD 25119)

An Optical Method of Measuring the Velocity of Ultrasonic Waves, by V. Tsvetkov, V. Marinin, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVIII, No 1, Moscow, 1 Sep 1949, pp 49-52.

CIA/FDD/U-7276

28,444

USSR
Sci - Physics
[CTS 72/Sep 55]

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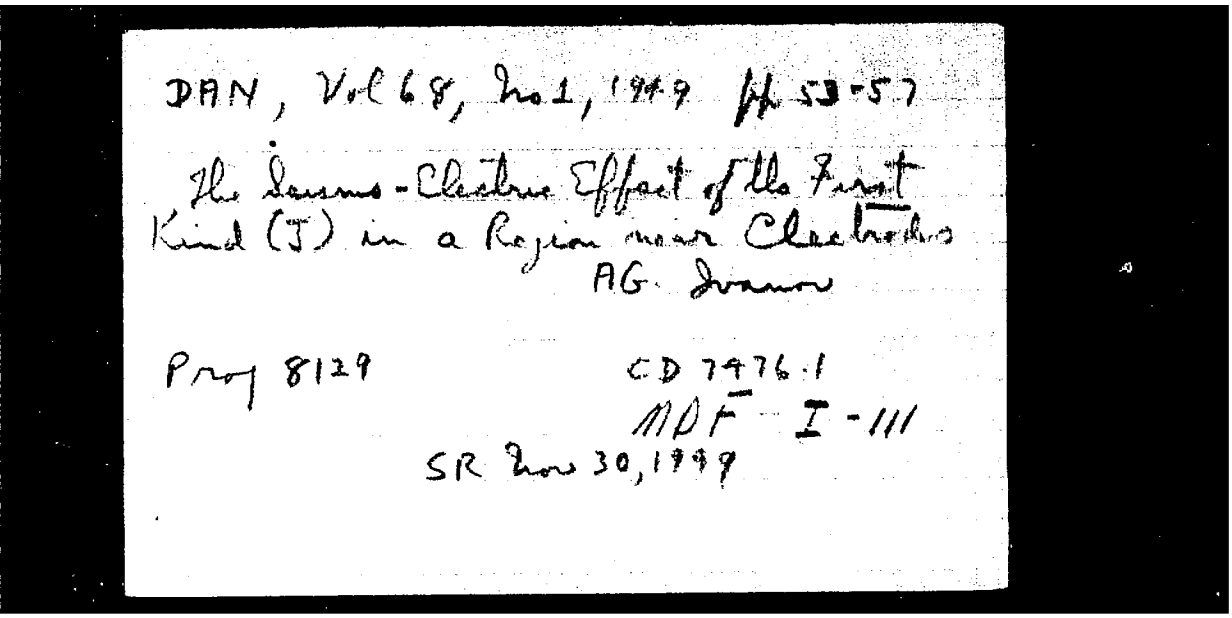

DAN, Vol 68, No 1, 1949 pp 53-57

The Lorentz-Electron Effect of the First Kind (J) in a Region near Electrodes

AG. Ivanov

Proj 8129

CD 7476-1

MDF I-111

SR Nov 30, 1999

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

Contribution to Knowledge of the Litter Fauna in Beavers' Nests, by I. I. Barabash-Nikiforov, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVIII, No 1, 1949, pp 161-164.

Sci Mus Lib No 54/1112

Scientific - Biology

Jun 54 CTS

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APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

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I. Electronographic Investigation of the Structure of Montmorillonite. II. Electronagraphic Determination of the Unit Cells of Pyrophyllite and Talcum, and the Structural Relationship Between These Minerals and Montmorillonite, by B. B. Zyargin, Z. G. Pinsker, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 68, No 1, 1949 pp 67-67, 505-508

Sci Museum Lib No 51/2341

BRS LibComm No 458

Scientific - Chemistry

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

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DOK AK NAUK SSSR Vol LXVIII, No 2, 4 pp
1949

"Electrocapillary Effect of Decreasing the Hardness of Metals"

Ye. K. Venstrem

AEC Translation 151

3/50T71

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

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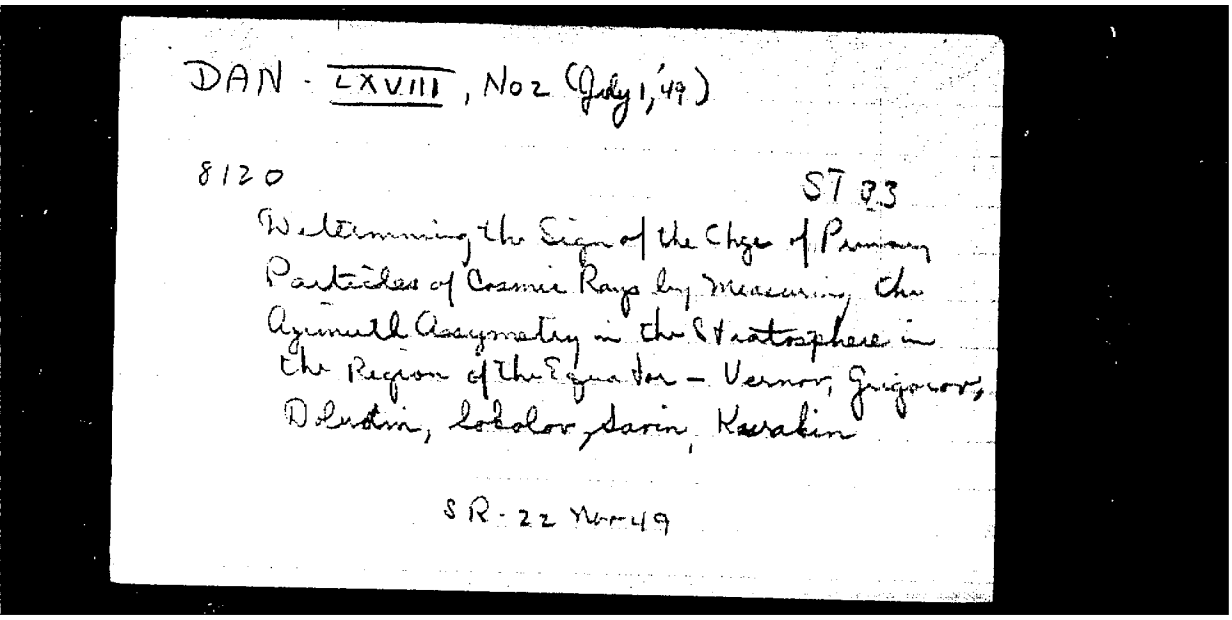

DAN - LXVIII, No 2 (July 1, '49)

8120

ST 93

Determining the Sign of the Chge of Primary Particles of Cosmic Rays by Measuring the Azimuth Asymmetry in the Stratosphere in the Region of the Equator — Vernov, Grigorov, Dmitrin, Lobolev, Savin, Kazakin

SR - 22 Nov 49

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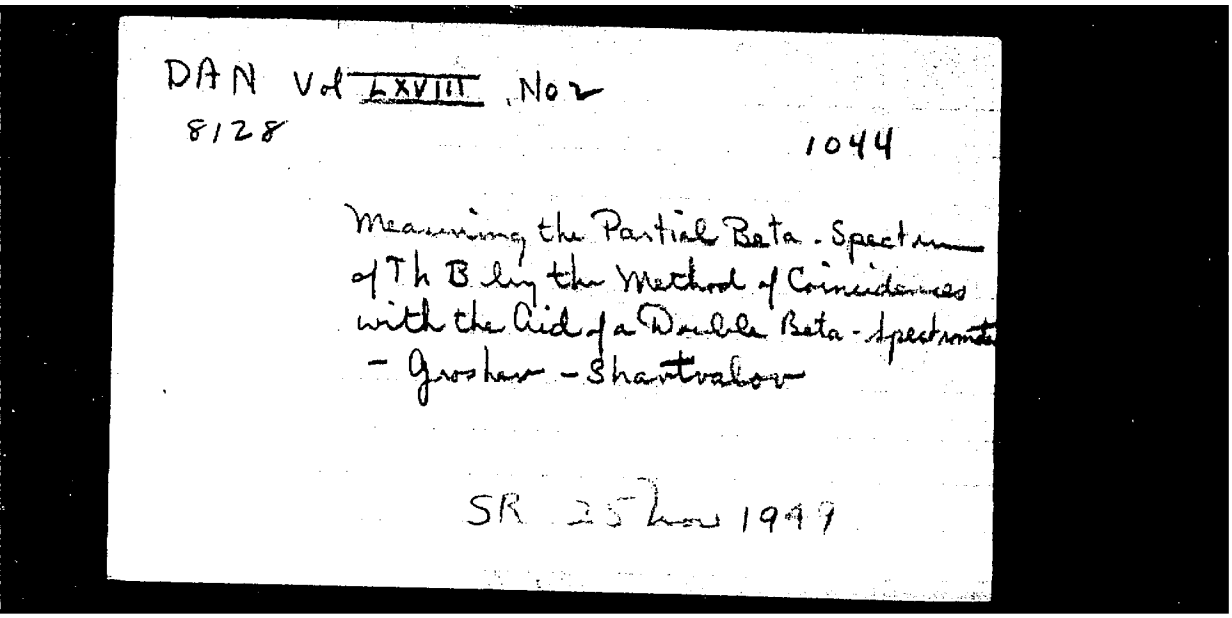

DAN Vol LXVIII No 2

8128

1044

Measuring the Partial Beta-Spectrum of Th B by the Method of Coincidences with the Aid of a Double Beta-Spectrometer - Grosser - Shantralov

SR 25 Nov 1949

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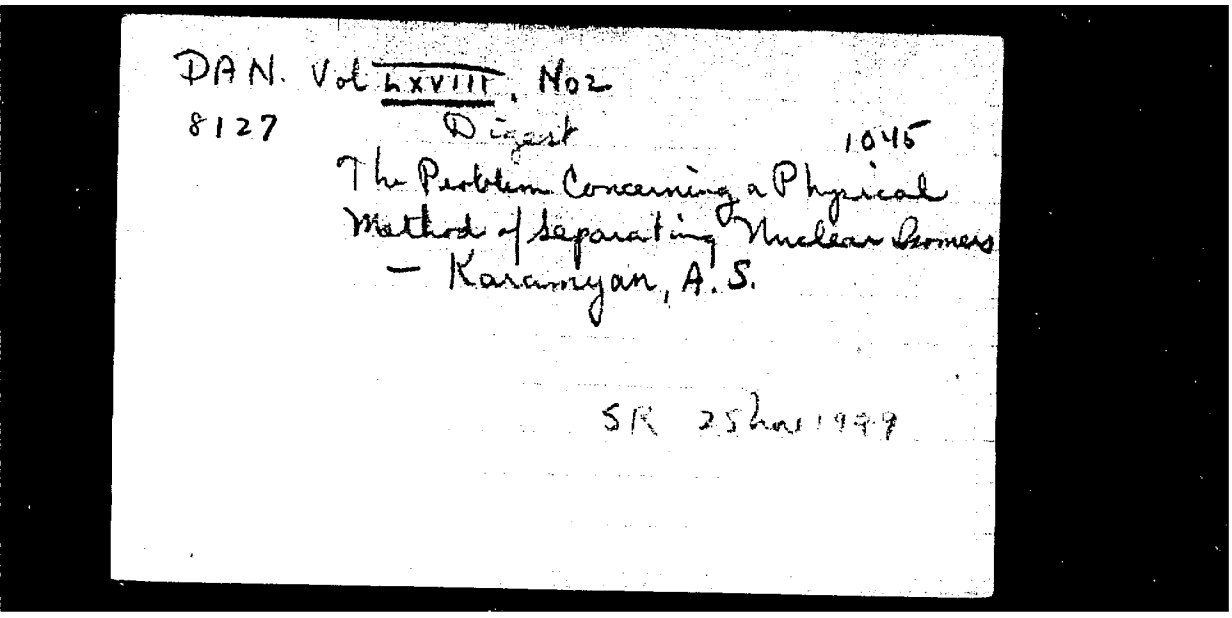

DAN. Vol LXVIII, No2
8127 Digest 1045
The Problem Concerning a Physical
Method of Separating Nuclear Isomers
— Karamyan, A.S.

SR 25 Jan 1999

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

Temperature Effect on the External Photoeffect in Semiconductors, by A. N. Arsen'eva-Geil'.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVIII, No 2, 1949, pp 245-247.

AEC Tr 1388

Russian, thick-mss pkg,

USSR

Scientific - Physics, Photoeffect, Semiconductors

Oct 52 CTS/DEX

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APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

Variation Of the Spectral Sensitivity Of the Eye At High Brightness Values by S.G.Turov.

RUSSIAN, per, Akademiya Nauk S.S.S.R. Doklady, Vol LXVII, No 2, 1949, pp 271-273.

CSIRO

Oct. 62

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

Effect of Eye Defects Upon the Clearness of the Field of Vision, by V. K. Arkad'ev, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVIII, No 2, 1949, pp 289-291.

CIA/FDD/X-1344

Scientific - Medicine
CTS/DEX

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Efficiency of Parallel Operation of Thermal-Electric Stations of the Same Type, by V. Ya. Khasilev, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVIII, No 2, 1949, pp 297-300.

Sci Mus Lib Tr No 53/2280

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The Condition of Inclusions in the Lattice of Smok
Quartz, by L. G. Chentsova, N. E. Vedeneeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVIII, No 2,
1949, pp 305-308.

Navy Tr 1286/NRL 547
SLA 61-10268
Sci - Minerals/Metals 31,892

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

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Passivation of the Cathode and Structure of Electrolytic Deposits in Solutions of Simple and Complex Salts, by A. T. Vagramyan, Z. A. Solov'eva. (MKL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVIII, No 2, 1949, pp 321-324.

RAE 581

Sci - Chem
Nov 59

100,734

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New Principle of Evaluation of the
Effectiveness of Lubricating Materials
in the Working of Metals Under Pressure,
by S. Ya. Veiler, L. A. Shreiner, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVIII,
1949, pp 325-328.
CIA/FDD X-5937

Sci - Materials
Sept 66
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305,654

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Venstrem, E.K. and Rebinder, P.A.
ABAISSEMENT ÉLECTROCAPILLAIRE DE LA DURETÉ DES MÉTAUX (Elektrokapillyarnyi Effekt Ponizheniya Tverdosti Metallov) (The Electrocapillary Effect of the Lowering of the Hardness of Metals). 12p. (foreign text included). 8refs. FR-3481
Order from OTS, ETC or CNRS $0.80 TT-62-28580

Trans. in French of Akademiya Nauk SSSR, Doklady, 1949, v.68, no.2, p.329-332.

DESCRIPTORS: *Metals, *Hardness, Electrolytes, Electric potential, *Polarization, Electrical double layer.

(Metallurgy--Structural, TT, v. 11, no. 7)

TT-62-28580

I. Venstrem, E.K.
II. Rebinder, P.A.
III. FR-3481
IV. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

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(FDD 25040)

Action of Ultrasonic Oscillations on High Molecular Compounds (USSR), by I. I. Zhukov, M. A. Khenokh, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVIII, No 2, Moscow, 11 Sep 1949, pp 333-335.

CIA/FDD/U-7287

28,534

USSR
Sci - Medicine

CTS 72/Sep 55

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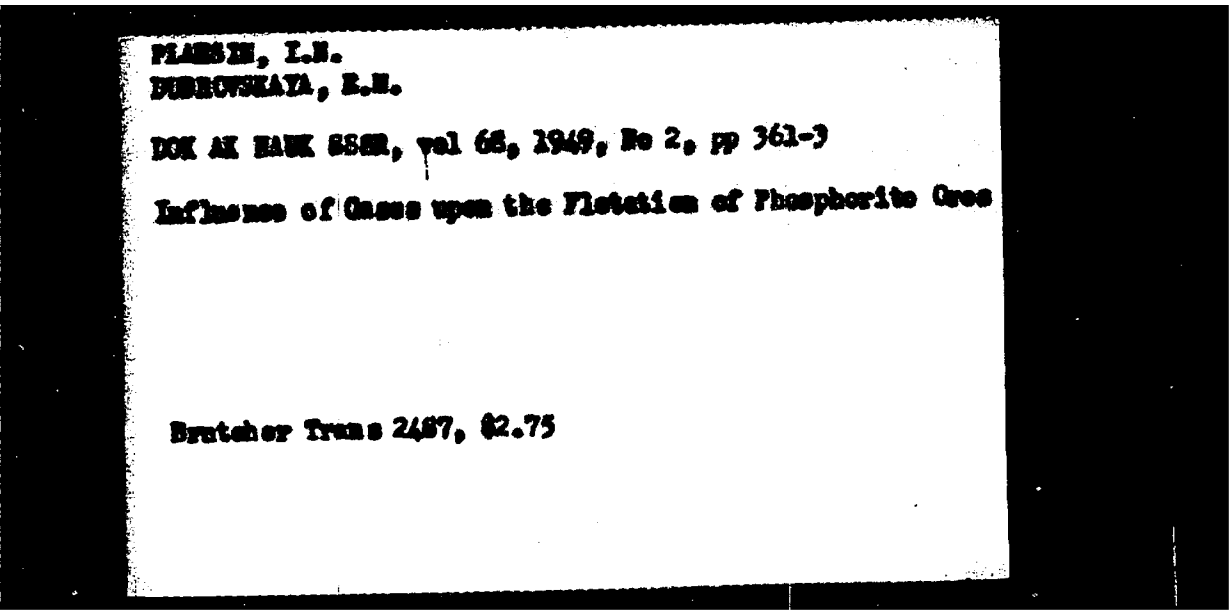

PLAKSIN, I.N.
DUBROVSKAYA, E.N.

DOK AK NAUK SSSR, vol 66, 1949, No 2, pp 361-3

Influence of Gases upon the Flotation of Phosphorite Ores

Brutcher Trans 2487, $2.75

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(FDD 27554)

Pharmacological Properties of the Venom of Sand Viper (Echis Carinatus), by F. F. Talyzin, T. P. Chizhova, A. A. Pchelkina, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVIII, No 2, Moscow/Leningrad, 11 Sep 1949, pp 421-424.

CIA/FDD U-8431

Sci - Medicine, pharmacology

36865

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Determining the Absolute Coefficient of Ionization at the Surface of Heated Tungsten, by Arifov, Ayukhanov, and Lovtsov (FDD PA 149T91). UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk, Vol LXVIII, No 3, 1949.

Navy Tr 106/NRL 276

Scientific - Physics

12,841

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

Reversible Changes of pH in Solutions of Certain Organic Substances During Exposure, by A. P Terent'yev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVIII, 1949, pp 537-8.

*AEC-UCRL-Tr-996 (L)

Sci - Chem
Sep 53

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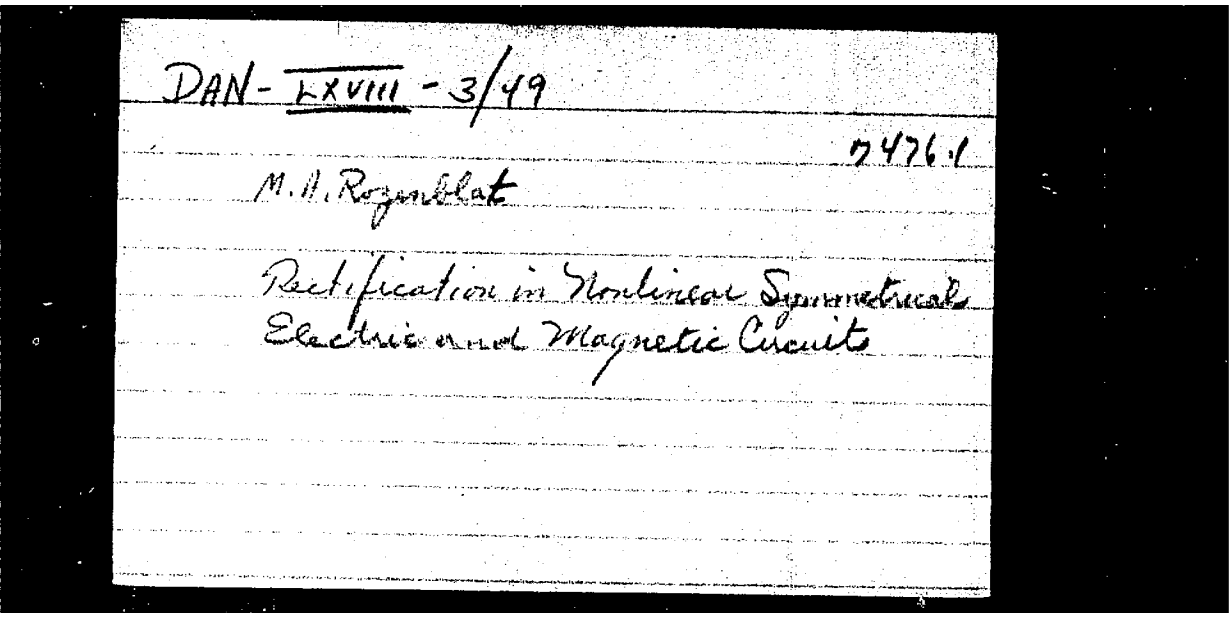

DAN - LXVIII - 3/49

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M. A. Rozenblat

Rectification in Nonlinear Symmetrical Electric and Magnetic Circuits

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DOK AK NAUK SSSR Vol LXVIII, No 3, 3 pp, 1949

"Determining the Absolute Coefficient of Ionization on the Surface of Heated Wolfram"

U. Arifov,
A. Kh. Ayukhanov
V. M. Lovtsov

Navy Tr 106/NRL 276
AEC Tr 276
Avail Brook Nat'l Lab

KT684

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On the Thermal Glow of Phosphors, by V. V. Antonov-Romanovski (FDD Pa 149T93).

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVIII, No 3, 1949.

Navy Tr 55/NRL 259

Scientific - Physics 13,794

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Law of Static Friction, by S. B. Ratner, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIII, No 3, 1952, pp 443-446.

CIA/FDD XX-651
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Sci - Physics
Sep 59

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98,054

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BERSTEIN, I.

R-1630. On the fluctuations of a vacuum tube oscillator. Doklady Akad. Nauk, SSSR, 68, no.3, p.469-472, 1949. (8p.)

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

DAN Vol 68, #3, pp 509-10 (1949)

Crystal Structure of In_2Bi

E. I. Makarov

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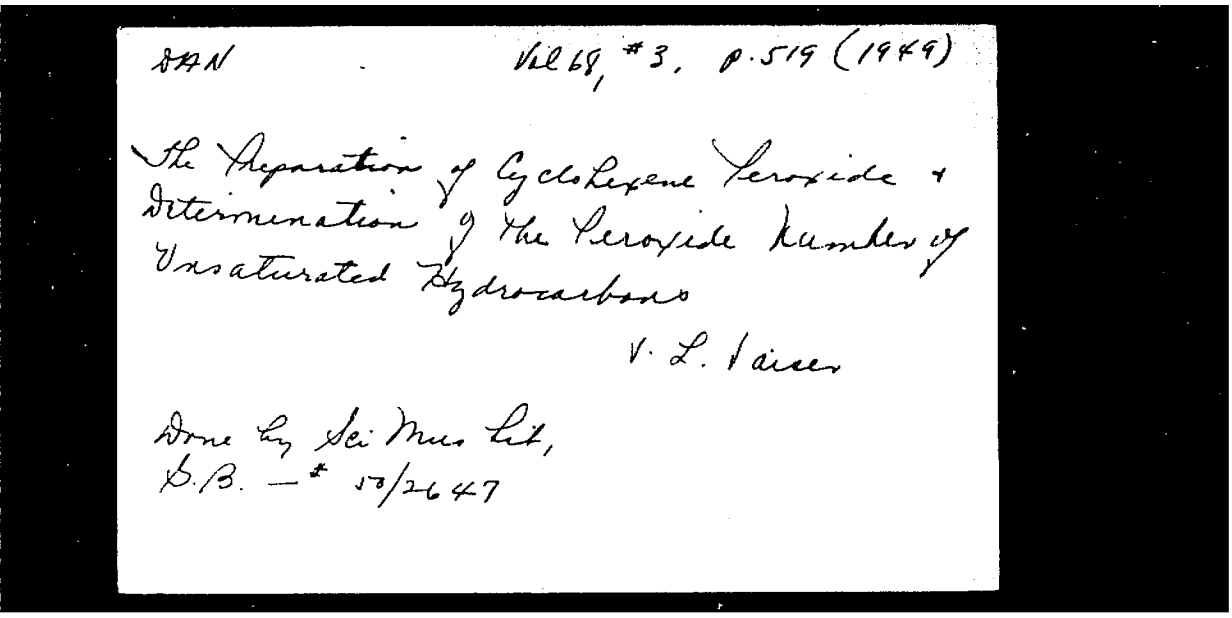

JAN Vol 69, #3, p. 519 (1949)

The Preparation of Cyclohexene Peroxide & Determination of the Peroxide Number of Unsaturated Hydrocarbons

V. L. Vaisen

Done by Sci Mus Lit,
K.B. — # 53/2647

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

KOBELLOV, I. I.
[illegible], V. S.

Doklady Akademii Nauk SSSR, vol. 68, 1949, No. 3, pp. 527-530; 2 figures, 1 table, 1950 words.

Study of Transformation of Alpha Solid Solution in Iron-Chromium System by Transformation-Rate Method.

Brutcher Trans, Order No. 2471, $3.40.

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200890013-9

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AEC-UCRL-Tr-996(L)

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METT, B. YU.
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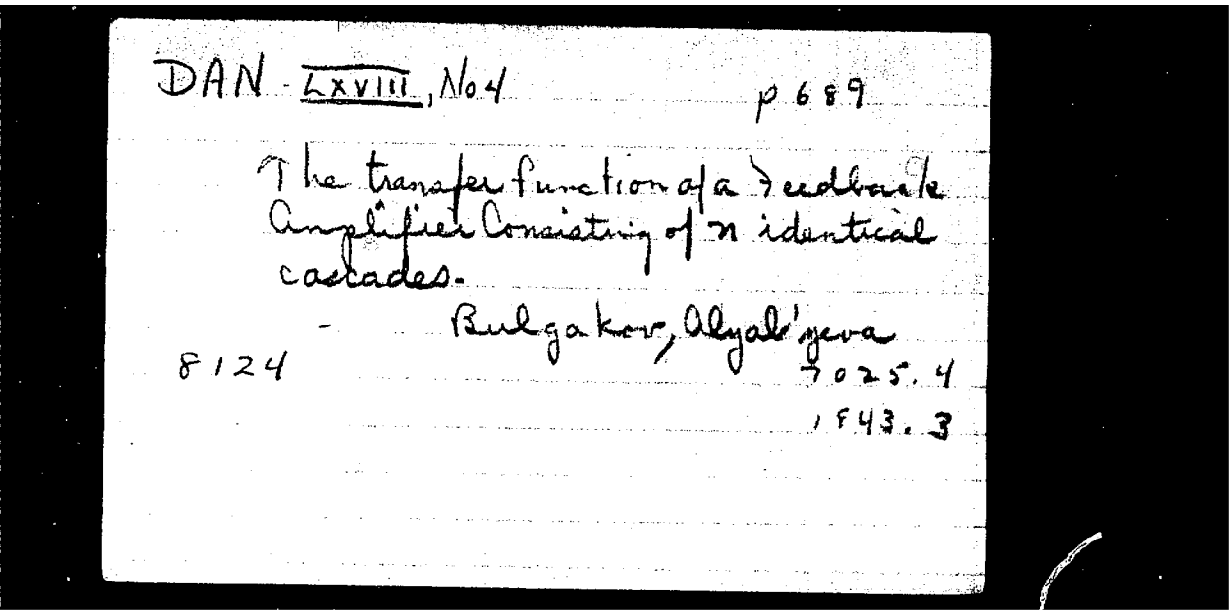

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Bulgakov, Alyab'yeva

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The Question of Spontaneous Formation of Nuclei of a New Phase, by O. S. Ivanov.

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The Problems of the Anomalous Distribution of Densities in the Chromosphere, by I. S. Shklovskiy, 5 pp.

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"Theory of the Hysteresis Loop"
N.S. Akulov, O.S. Galkina,
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Proj # 6749

CD
A-145911

Date:
61-17320

SR: 2 Feb 1950

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Calculation of the Solidification Rate of a Metallic Ingot, by B. Ya. Lyubov.

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Ketone Groups in the Oxidized Cellulose Molecule, by E. D. Kaverzneva, 4 pp.

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Yurkevich, I. A.
PROPERTIES OF THE ORGANIC MATTER IN SEDIMENTS. 8p. 7 refs. MTWL: 267.
Order from OTS or ETC $1.55 61-17880

Trans. of Akademiya Nauk SSSR. Doklady, 1949, v. 68, no. 5, p. 881-884.

DESCRIPTORS: Sedimentation, Geochemistry, *Mineral oils, Sources, *Organic materials.

61-17880

I. Yurkevich, I. A.
II. MTWL-267
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Office of Technical Services

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Growth and Development of Tree Species on Soils With Mineral Fertilizers, by V. F. Valikova-Kanda Kova

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On the Ionization of the Chromosphere and Prominences
by I. S. Shklovskiy, 6 pp.

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Oct 60

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Wings of the Rayleigh Line and the Hydrogen Bond
Gross, by V. I. Valkov.
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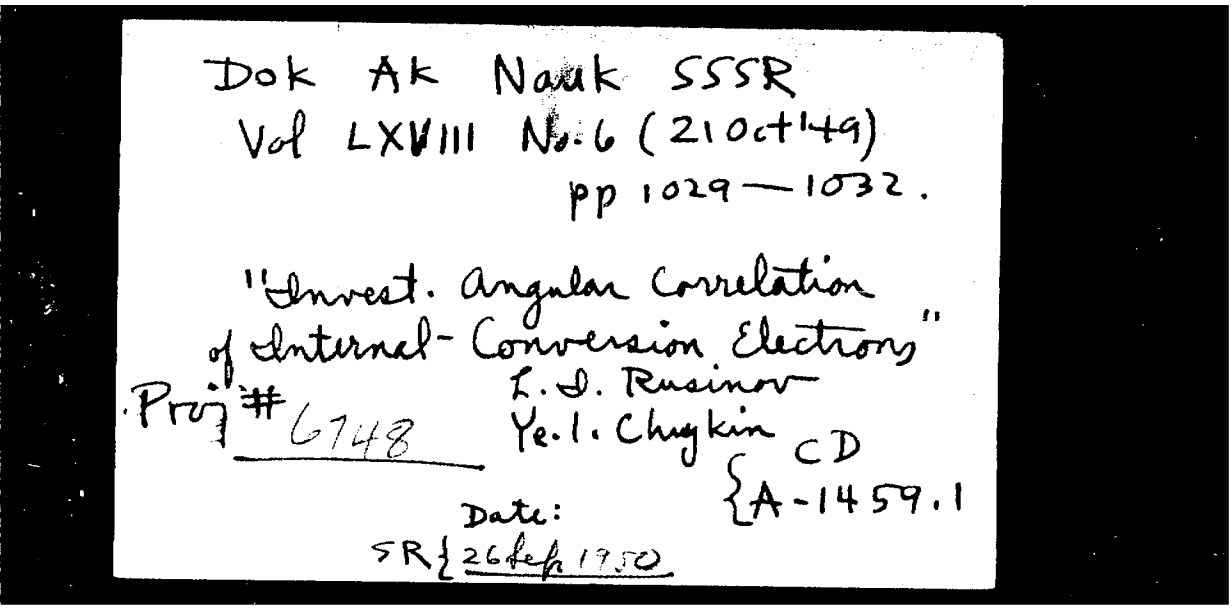

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L. D. Rusinov
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Proj # 6748

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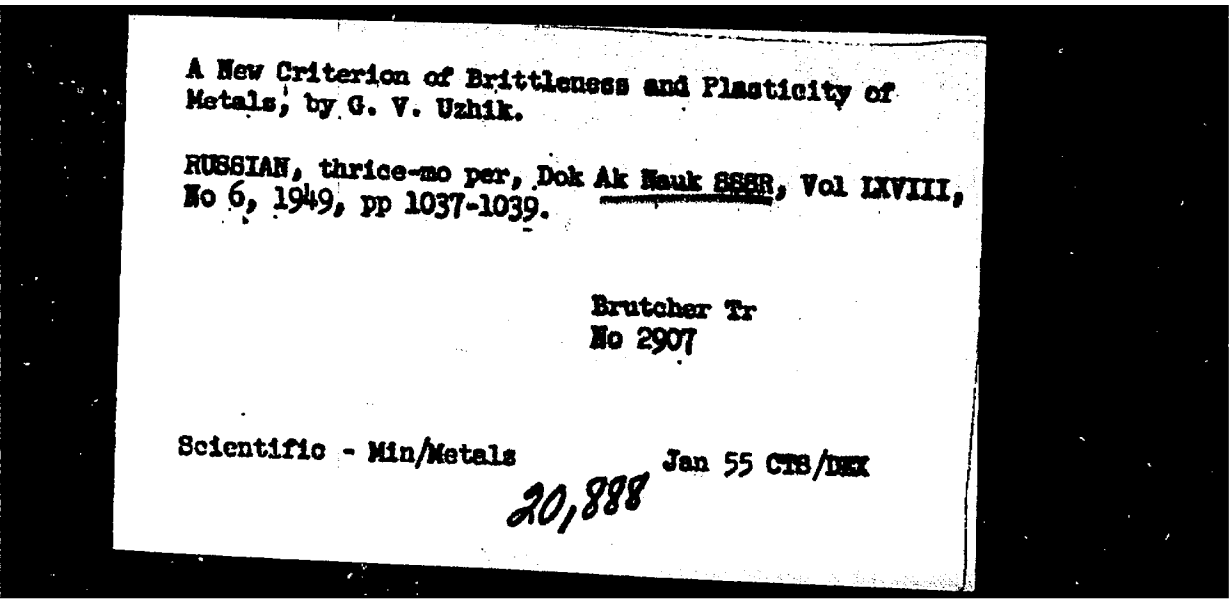

A New Criterion of Brittleness and Plasticity of Metals, by G. V. Uzhik.

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Dipole Moments of Cyclic Carbonic Acid Esters, by B. A. Arbuzov, T. G. Shavsha
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vol. 68, 1949, pp. 1045-1048.
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Geothermal Anomalies of the Emba Salt Domes, by M. F. ~~XXXX~~ Beliakov.

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Sci - Geophys
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A Study of Paramagnetic Susceptibility of Alloys of Transition Metals Containing Tellurium, by ~~XXXX~~ F. M. Gal'perin, T. M. Perekalina.

Full translation.

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AEC Tr 1373

Scientific - Minerals, Metals, Alloys, Tellurium

Sep 52 CTS/DSK

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Absorption of Light by the Centers of the Latent Photographic Image, by P. V. Meyklyar, 7 pp.

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Scientific - Chemistry 10,811
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Structure of the Zones Near the Exciting Line in the Combination Scattering of Light (Raman Spectra) of Formic Acid and of Methyl Alcohol, by P. D. Simova.
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AEC LA-tr-65-16

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Apparent, partial and "Molar" Magnitudes During the Change of a Property of a Solution According to the Generalized Rule of Mixture by M. A. Reshetnikov

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Photochemical Changes of Proteins, Aminoacids, and Nucleic Acids Under the Action of Ultraviolet ~~Rxxxx~~ Rays, by M. P. Bukhman, S. E. Manoilov.

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AEC Tr 503
Sci Mu Lib No 50/2970

Sci - Chem

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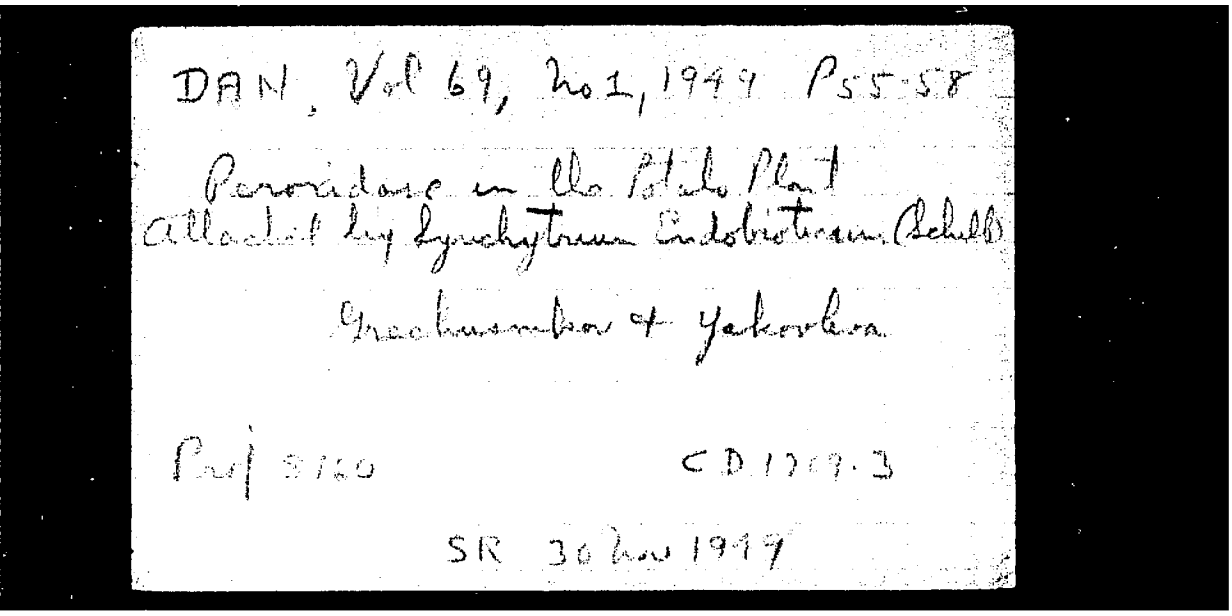

DAN, Vol 69, No 1, 1949 P55-58

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Percivalle

Prof Sigo

CD 1949-3

SR 30 Nov 1949

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Variation of Root Potential of Wheat Shoots Depending on the pH of the Medium, by S. M. Aleshin, M. T. Yastrebov.

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AEC Tr 1494

Scientific - Biology, root, wheat shoots

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On the Propagation of Sound in an Underwater Sound Channel, by L. M. Brekhovskikh, 5 pp.

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Theory of Superfluidity and Critical Velocity in Helium II, by V. L. Ginzburg

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SLA 59-11126

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Proj 4780 NED Reg.

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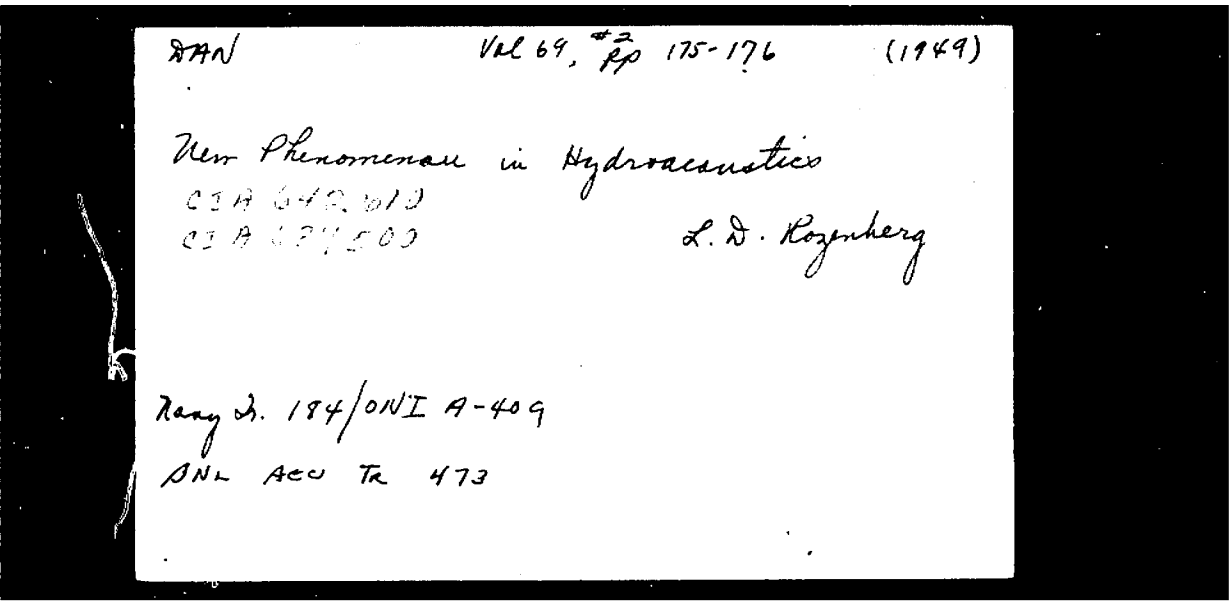

DAN Vol 69, #2 pp 175-176 (1949)

New Phenomenon in Hydroacoustics

L. D. Rozenberg

Navy D. 184/ONI A-409

ONL Acc Tr 473

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DAN SSSR, LXIX, No. 2, 11 Nov 49 pp. 217-8

THE INFLUENCE OF THE WALLS OF CONTAINERS ON CHEMICAL REACTIONS

POLYAKOV, M. V.

Proj. 4366
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On the Specific Antigen Of Human Leukemia by
L.A. Zilber and V.A. Parnes.

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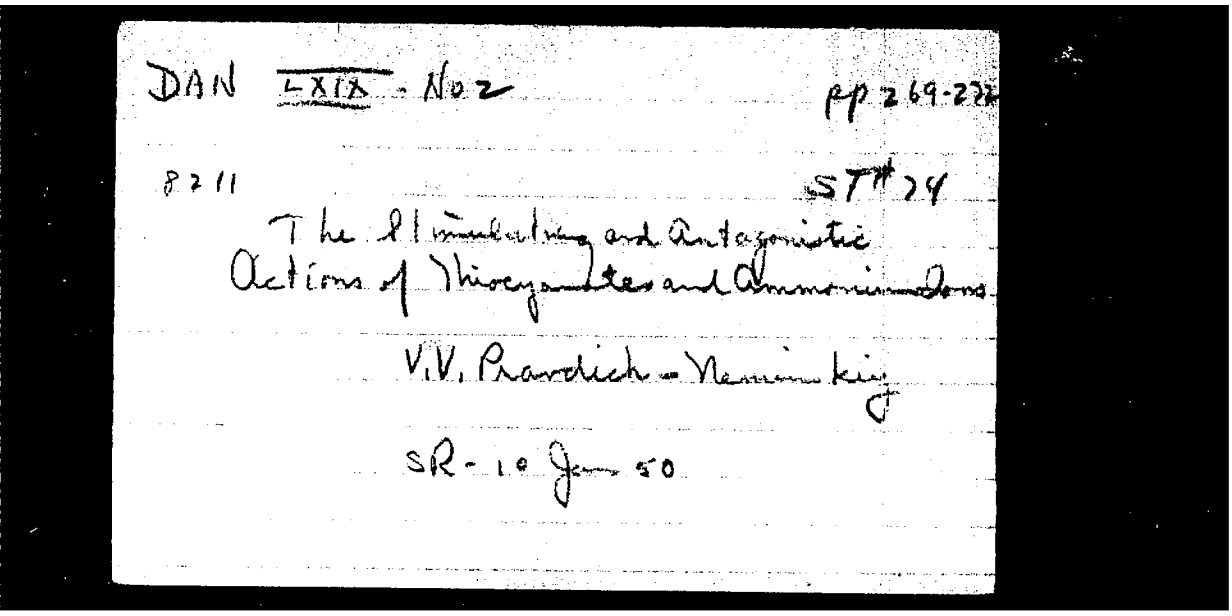

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8211 ST#24

The Stimulating and Antagonistic Actions of Nitrogen-free and Ammonium Ions

V.V. Pravdich-Neminskii

SR - 10 Jan 50

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Magnetic Viscosity and the Role of Boundary Displacement Between Domains in the Process of Reverse Magnetizing of Highly Coercive Alloys, by N. Bulgakov, E. Kondorskiy.

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AEC Tr 231

Scientific - Physics

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DAN Val LXIX, # 3 p 329-3 v (1949)

Statistical Theory of Phase Transformations, I
The First Order

B. T. Beckerman

Amail @ Brookhaven
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A Method for the X-Ray Investigation of Structural Changes in Ageing Coarse-grained Polycrystalline Alloys, by A. M. Elistratov,

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Change in the Volume of Tin on Superconducting Transition in the Magnetic Field, by B. G. Lazarev, A. I. Sudovtsov.

Full translation.

RUSSIAN, thrice-ma Per, Dok Ak Nauk SSSR, Vol LXIX, No 3, 1949, pp 345-347.

AEC Tr 1398

USSR
Scientific - Physics, Tin, magnetic field

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Width of Energy Levels of an Atom With a High Principal Quantum Number, by O. B. Firsov,
5 pp.
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Species Composition and New Species of Wheat,
by P. M. Zhukovsky.

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Corrosion of Metals by Hydrocarbon Solutions of Iodine, by L. G. Gindin, 10 pp. UNCLASSIFIED

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 69, 1949, pp 377.

QMT-341

Sci - Chemistry Jul 52 CTS

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